

# AKASH R. URKUDE

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[Akashukude7@gmail.com](mailto:Akashukude7@gmail.com)

- **Senior Mechanical Design Engineer | 6+ Years Experience | (B.E. Mechanical)**
- Product Design & Development
  - Driveline & Transmission Components Housing, Shaft, Pulley, Sprocket, Gears, Spline, Axle etc.
  - Casting, Forging & Sheet metal.
- Good knowledge and Experience in 3D modeling, Calculation, Detailed Engineering Drawings, PLM, GD&T.

WORK EXPERIENCE		
Tenure	Organization	Role
Aug 2021 – Till Date	Shaktiman Tirth Agro Technology, Rajkot	Sr. Design Engineer
Nov 2018 – July 2021	Airson Tooling Pvt Lmt, Pimpri-Chinchwad, Pune	Design Engineer
May 2017 –April 2018	Radheya Machining Pvt Limited Sanswadi, Pune	Graduate Trainee Engineer
May 2016 – April 2017	Kranti Industries Pvt. Ltd. Pirangude, Pune	Graduate Trainee Apprenticeship

TECHNICAL SKILLS	<ul style="list-style-type: none"><li>▪ PTC Cero, NX, Solid Works<ul style="list-style-type: none"><li>- 3D CAD Modeling, Assembly Level</li><li>- Casting, Forging, Sheet metal</li><li>- Concept Detailing</li><li>- Gear, Housing, Shaft, Pulley, Sprocket</li><li>- Romax, kisssoft</li></ul></li></ul>	CAD
	<ul style="list-style-type: none"><li>▪ Engineering Drawings &amp; GD&amp;T</li><li>▪ Casting Design</li><li>▪ Sheet Metal Design</li><li>▪ Assembly &amp; Installation Drawing</li><li>▪ Top Down &amp; Bottom Up Approach Assembly</li><li>▪ Concept Generation &amp; Detailing</li><li>▪ Design reviews with Supplier</li><li>▪ Engineering Change Processes</li></ul>	Product Design
	<ul style="list-style-type: none"><li>- Preparing PLM BOM</li><li>- Release Activities- PLM Team Center</li><li>- Engineering Change Documents</li><li>- SAP BOM</li></ul>	Product Lifecycle Management

## PROJECTS & RESPONSIBILITIES

<b>Tirth Agro Pvt limit. Rajkot Gujarat</b>  <b>(Aug-21 To Till Now)</b>	<b>Products -</b> <ul style="list-style-type: none"><li>- Harvester (Cotton &amp; Forage), Rice Planter.</li></ul> <b>Responsibilities-</b> <ul style="list-style-type: none"><li>- Driveline design for new products for agricultural equipment like Harvesters, Planters.</li><li>- Resolve build and field issues for proto/pilot stage products</li><li>- Root cause analysis and resolution for Build &amp; Field testing failure</li><li>- Preparation of product design &amp; development tools such as DFMEA, DFM, DFS, DFA, etc. along with CFT members. Design Change management.</li></ul>
<b>CIZMAK TECH Deputed to Tirth Agro Pvt Ltd. Rajkot</b>	<ul style="list-style-type: none"><li>- Responsible for design of driveline elements as per input requirement.</li><li>- Benchmarking of driveline aggregates like gearbox, shift system, belt drive, chain drive, bevel gears.</li><li>- Conduct design calculation for gears/shafts/belts/chain/splines and other driveline components of product and assembly as per standards.</li><li>- Integration of driveline components on machine.</li><li>- Create 3D CAD and Drawings of components as per company process.</li><li>- Support other functions in assembly/validation process concept Generation considering Function.</li></ul>
<b>Airson Tooling Pvt. Lmt. Pune Nov 2019 – July 22</b>	<ul style="list-style-type: none"><li>- Design of Casting, Forging, Sheet Metal.</li><li>- Engineering Drawings with Consideration of GD&amp;T</li><li>- Concept Generation considering Function</li><li>- Created Part Drawing, Assembly Drawing, Installation, BOM.</li></ul>
	<ul style="list-style-type: none"><li>- 2D to 3D Conversion</li><li>- Work on Top-Down and Bottom-Up in assembly</li><li>- Preparing Detail Drawing for manufacturing, Assembly Drawing, Installation Drawing, SOP, BOM etc.</li></ul>
<b>Kranti Industries &amp; Radheya Machining Pune (May 16 to April 18)</b>	<ul style="list-style-type: none"><li>- Support and worked in Production Planning.</li><li>- Experience in production department, Quality, CMM, R&amp;D.</li></ul>

## EDUCATION

- B.E. BCYRC College of Engineering, Nagpur, Nagpur University, 2015, **First Class**
- HSC, B.M.B College, Bhiwapur, Maharashtra State Board.
- SSC, BESB High School, Bhiwapur, Maharashtra State Board.

## PERSONAL QUALITIES

- Good in grasping/creating new technical concepts/solutions, utilizing in an effective manner
- Quick learner, Co-operative & keen observer. Hard working.

## PERSONAL INFORMATION

Akash R. Urkude   D.O.B. 14 <sup>th</sup> NOV,1992   Gender – Male	
Correspondence Address	Flat NO.10, Laxmanghula Society, KKV SQ. Rajkot (GJ)-360005
Nationality & Languages	Indian   English, Marathi, Hindi
Interests	Cooking, Dancing, Photography etc.

The above stated information is true to the best of my knowledge.

Place:

Akash R. Urkude